

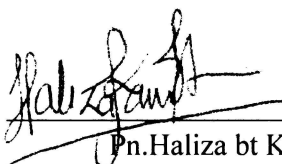
**ANTIOXIDANT ACTIVITY AND TOTAL PHENOLIC
CONTENT OF GAMAT WATER**

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**Final Year Project Report Submitted In Partial Fulfilment of the
Requirement for the Degree Of Bachelor Of Science (Hons.)
Applied Chemistry in The Faculty Of Applied Sciences
Universiti Teknologi MARA**

MAY 2010

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Date: 24/5/2010

ACKNOWLEDGEMENT

Assalamualaikum w.b.r

I would like to express my gratitude to Allah s.w.t for giving the strength to complete my final project. I also want to take this opportunity to thank the people who had helped me to complete the project.

Special thanks to my supervisor who have given me guidance and support through the completion of this project. Her support, encouragement, guidance and ideas made this project far better than it would be otherwise. The person is, Pn. Haliza bt Kassim.

I also like to thanks Dr. Hjh Siti Halimah Sarijo, our Head of Programme and Miss Sabrina Yahya our Project Coordinator for the advice and guidance. They have always been available to answer my questions kindly and friendly as cordially as possible. Also, special thank you to lab assistant Mr. Kadim, Mrs. Julai, Mrs. Noor Haida, and our assistant lecturer Tn. Hj. Rahimi who helped me during completion of my project. Without them, I would not be able to complete my project successfully.

To my family, thank you for always praying for my success and supporting me in every step that I have taken, all the way. Your endless love will keep me going. A special appreciation also goes to all my wonderful friends. Thank you for always being there for me. Our friendship has rewarded me with valuable memories to learn from everyday.

Zaiton bt Mohamed Fauzi @ Jazuli

TABLE OF CONTENTS

	Page
AKNOWLEDGEMENTS	iii
TABLE OF CONTENT	iv
LIST OF TABLE	vi
LIST OF FIGURES	vii
LIST OF ABBREVIATIONS	viii
ABSTRACT	ix
ABSTRAK	x
CHAPTER1 INTRODUCTION	
1.1 Background	1
1.2 Significant of study and problem statement	3
1.3 Objective	3
CHAPTER 2 LITERATURE REVIEW	
2.1 Characteristic of gamat	4
2.2 Bioactive nature of gamat	5
2.3 Antioxidant	6
2.3.1 Introduction	6
2.3.2 How antioxidant work	7
2.4 Types of antioxidant	8
2.4.1 Vitamin C	8
2.4.2 Vitamin E	9
2.4.3 Carotenoids	10
2.4.4 Coenzyme Q	11
CHAPTER 3 METHODOLOGY	
3.1 Instrument	13
3.2 Chemicals	13
3.3 Sample material	13
3.4 Method	14
3.4.1 Total phenolic content	14
3.4.2 DPPH free radical scavenging activity	14

ABSTRACT

ANTIOXIDANT ACTIVITY AND TOTAL PHENOLIC CONTENT OF GAMAT (*Sticopus sp*) WATER

The antioxidant activity of gamat water were studied by using different assay that was total phenolic content (TPC) and 1,1-diphenyl-2-picryl hydrazyl (DPPH) method. The reading was measured using UV-VIS spectroscopy. The result show that, gamat water contain 0.0825 ± 0.0482 mg GAE/g total phenol and 16.8784% (at 3000ppm) in scavenging of DPPH radical. Gamat water contains less phenolic content and lower scavenging activity than standard gallic acid and ascorbic acid. This study, therefore, revealed that gamat water are potential sources of natural antioxidant other than can cure ailments.